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# REPORT

ON THE

## PUBLIC HEALTH

OF THE

URBAN DISTRICT OF BUSHEY

URBAN DISTRICT OF CHORLEYWOOD

URBAN DISTRICT OF RICKMANSWORTH

RURAL DISTRICT OF WATFORD

IN THE COUNTY OF

HERTFORD

WILLIAM HARVEY, M.D., B.Ch., D.P.H.

MEDICAL OFFICER OF HEALTH

FOR THE YEAR

1944

REPORT on the STATE of the PUBLIC HEALTH in the URBAN DISTRICT of BUSHEY, the URBAN DISTRICT of CHORLEYWOOD, the URBAN DISTRICT of RICKMANSWORTH, and, the RURAL DISTRICT of WATFORD, in the COUNTY of HERTFORD, for the year 1944.

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To :

The Chairmen and Members of the Councils.

LADIES AND GENTLEMEN,

I have the honour to present my annual report on the state of the Public Health, and, the reports of the Inspectors on the Sanitary Conditions in the Districts, for the year 1944. The annual reports were abridged during the war years in keeping with the policy recommended by the Ministry of Health ; but, with the end of the war, the opportunity has been taken of dealing with some aspects of the Public Health in greater detail, and, of including for comparative purposes, a series of statistics from the last normal year of 1938.

The Registrar-General's estimates of the populations, which were withheld from general publication after 1940, are now given for each district. The populations increased from 1938 to 1941, and then declined—more slowly in Rickmansworth and Watford Rural—to the 1944 figures. The death-rates, though still well below the average for England and Wales, were slightly higher during the war years. A return has been made to the former practice of giving a summary of the causes of death, together with the death-rates over a period of years.

Following the precedents of other wars, the birth-rates showed large increases. The numbers of births in each District were :—Bushey 208 (105 boys and 103 girls), Chorleywood 70 (46 boys and 24 girls), Rickmansworth 400 (212 boys and 188 girls), and Watford Rural, 396 (198 boys and 198 girls). The total number of 1,074 births (561 boys and 513 girls) was the largest ever recorded for the four Districts. The

Infantile Mortality Rate, or, the number of deaths of infants under the age of one year, per 1,000 live births, was low in each District. The rate for England and Wales was 46—the lowest on record.

The incidence of the Infectious Diseases, with the exception of the occurrence of Scarlet Fever in one of the residential schools, was low. Measles, first made notifiable in 1940, was epidemic in 1941 (1,663 cases), and prevalent in 1942 (568 cases), and 1943 (567 cases) ; last year the number of cases dropped to 54 for the whole area. There were 81 cases (41 boys, 40 girls) of Whooping Cough notified during the year, compared with 56 cases (27 boys, 29 girls) in 1943. The infection in three of the four cases of Enteric Fever recorded was contracted whilst the persons were on holiday in another part of the country.

The four cases of Diphtheria notified were adults—none had been immunised. Adults, as a rule, are not very susceptible to Diphtheria, so that immunisation is not considered necessary except in the case of nursing staffs at Isolation Hospitals. It is interesting to note that no child was notified as suffering from Diphtheria during the year, whereas, 18 were notified in 1939, which can be taken as the last pre-immunisation year. This is the result of the measures taken by the four Authorities, who have provided every facility for the immunisation of children against Diphtheria. The co-operation of parents has not been lacking, and, over 11,000 children have been protected during the last five years. The treatment, which is of a simple nature, should be given to children when they are about eleven months old so that they will be protected during their early years.

The occurrence of a case of Smallpox in a large hospital on the borders of Rickmansworth caused concern as it was known that a number of people in the District helped at the hospital, whilst others from a wider area had been visitors during the critical period. With the approval of the Chairman of the Council, a Vaccination Clinic was immediately opened at the First-Aid Post, and 2,477 persons were vaccinated during the three weeks it was in operation. The work of the Clinic was carried out very efficiently by the staff of the Post. Several patients with doubtful rashes were seen in consultation, but no case of Smallpox occurred in this area.



During the year, 147 patients were admitted to the Isolation Hospital from the four districts, either for treatment or observation for one of the infectious diseases ; the numbers for each District were :— Bushey 30, Chorleywood 2, Rickmansworth 44, and, Watford Rural 71.

The following numbers of deaths in the area of the four Districts from the Pulmonary and Non-Pulmonary forms of Tuberculosis were notified in the years from 1937 to 1944 :—

	Pul.		Non-Pul.			Pul.		Non-Pul.	
1937	...	24	...	3	1941	...	27	...	5
1938	...	10	...	7	1942	...	26	...	3
1939	...	18	...	4	1943	...	27	...	6
1940	...	22	...	5	1944	...	22	...	6

The deaths in 1944 are equivalent to death-rates (per 1,000 of the population) for each type of the disease of .36 and .1 : the corresponding rates in England and Wales for 1943—the last year for which figures are available—were .51 and .1 respectively.

Housing defects reported to the Departments have been remedied to the extent permitted by the war-time restriction, and they are recorded this year under headings which indicate the general standard applied to inspections. Preparations have also been made for any survey which may be required to assess the housing conditions in the Districts.

The work of the Public Health Department was kept up to date, and a satisfactory standard was maintained by the Inspectors in spite of depleted staffs and the extra duties arising from the war.

I have the honour to be,

Your obedient servant,

WILLIAM HARVEY.

Seventy-first Annual Report.  
South-West Herts Districts.  
31st October, 1945.

# BUSHEY

## URBAN DISTRICT.

**Area** (land and inland water).    3,866 acres.

### Vital Statistics.

Population (Registrar-General's estimates at mid-year) :						
1944	1943	1942	1941	1940	1939	1938
12,950	13,010	13,550	13,980	13,600	12,930	12,550
Birth-Rate (Live births per 1,000 of population) :						
1944	1943	1942	1941	1940	1939	1938
16.1	14.8	17.5	14.4	13.3	13.0	11.9
Infantile Mortality Rate (Deaths under 1 year per 1,000 live births) :						
1944	1943	1942	1941	1940	1939	1938
38	46	38	30	67	48	20
Death-Rate.						
Vide Summary "Causes of Death."						

### Tuberculosis.

The following notifications and deaths were recorded during the year :—

				Pulmonary.		Non-Pulmonary.	
				Male.	Female.	Male.	Female.
New cases	...	...	...	3	1	1	1
Deaths	...	...	...	1	1	—	2

### Housing Statistics.

Number of dwelling-houses inspected for housing defects under Public Health or Housing Acts	...	...	...	...	...	...	...	52
Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	...	...	...	...	...	...	0
Number of dwelling-houses (exclusive of those referred to under the preceding section) found not to be in all respects reasonably fit for human habitation	...	...	...	...	...	...	...	47
Number of defective dwelling-houses rendered fit in consequence of action by the Local Authority	...	...	...	...	...	...	...	44
Number of structurally separate dwellings erected during the year :								
(1) By the Local Authority				...	...	...	...	0
(2) By other bodies or persons				...	...	...	...	0

### Administration of the Factories Act, 1937.

Inspections	...	...	...	...	...	...	...	...	18
Defects	...	...	...	...	...	...	...	...	1
Notices	...	...	...	...	...	...	...	...	1

### Water Supply.

The water supply of the District is adequate and chlorinated.

### Milk Supply.

Inspections	...	...	...	...	...	...	...	...	24
Notices	...	...	...	...	...	...	...	...	3

### Disinfection (1), Disinfestation (2).

Number of cases	(1) 22,	(2) 2	...	...	...	...	Total	24
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### Public Cleansing.

Contract scheme. Vehicles employed—one low-loading motor vehicle with metal covers and back sliding shutters. Disposal by controlled tipping.

# NOTIFIABLE INFECTIOUS DISEASES

INCIDENCE according to **SEX** and **AGE**

AGE GROUPS	Scarlet Fever		Diphtheria		Whooping Cough		Measles (Exc. Rubella)		Ac. poliomyelitis		Ac. poli-encephalitis	
	M	F	M	F	M	F	M	F	M	F	M	F
0— ...					1	1						
1— ...		2			2		2					
3— ...	2	3			2	1	1					
5— ...	3	4			2	2	4					
10— ...	57	2			1			1				
15— ...	12	1	1				1	1				
25 and over	2			1				1				
TOTAL ...	76	12	1	1	8	4	8	3	—	—	—	—

AGE GROUPS	Enteric or Typhoid Fever		Paratyphoid Fevers		Dysentery		Ac. Pneumonia		Cerebro-Spinal Fever		Ac. encephal-itis lethargica	
	M	F	M	F	M	F	M	F	M	F	M	F
0— ...							1	1				
5— ...		1		1		1	3					
15— ...			2									
45— ...							1	1				
65 and over												
TOTAL ...	—	1	2	1	—	1	5	2	—	—	—	—

AGE GROUPS	Puerperal Pyrexia		Ophthalmia Neonatorum		Erysipelas		Smallpox		Typhus Fever		Malaria	
		F	M	F	M	F	M	F	M	F	M	F
0— ...				2								
5— ...												
15— ...		5			1	1						
45— ...												
65 and over												
TOTAL ...	—	5	—	2	1	1	—	—	—	—	—	—

Remainder of Notifiable Diseases—Notifications : Cholera, 0 ;

Plague, 0 ; Relapsing Fever, 0 ; Tuberculosis, q.v.



THE CAUSES OF DEATH

1944

						DEATH-RATE		
						(Deaths per 1,000 of population)		
All Causes ... ..				Males	Females			
				66	66			
						1944	...	10.2
1	Typhoid and Paratyphoid Fevers	...	...	—	—	1943	...	11.5
2	Cerebro-spinal Fever	...	...	—	—	1942	...	9.8
3	Scarlet Fever...	...	...	—	—	1941	...	10.6
4	Whooping Cough	...	...	—	—	1940	...	9.7
5	Diphtheria	...	...	—	—	1939	...	7.9
6	Tuberculosis of Respiratory System			1	1	1938	...	9.1
7	Other forms of Tuberculosis	...		0	2	1937	...	9.2
8	Syphilitic Diseases	...	...	—	—	1936	...	8.2
9	Influenza	...	...	1	—	1935	...	9.5
10	Measles	...	...	—	—	1934	...	8.6
11	Ac. Poliomyelitis and Polioen-					1933	...	9.7
	cephalitis	...	...	—	—	1932	...	9.5
12	Ac. Infective Encephalitis	...		—	—	1931	...	8.9
13	Cancer of buccal cavity and Oeso-					1930	...	8.1
	phagus (M) ; Uterus (F)	...	...	—	—			
14	Cancer of Stomach and Duodenum			2	1			
15	Cancer of Breast	...	...	—	5			
16	Cancer of all other sites	...	...	6	3	England and Wales		
17	Diabetes	...	...	—	—	1944	...	11.6
18	Intra-Cranial Vascular lesions	...		3	8	1943	...	12.1
19	Heart Disease	...	...	25	19	1942	...	11.6
20	Other Diseases of Circulatory System			2	4	1941	...	12.9
21	Bronchitis	...	...	3	—	1940	...	14.6
22	Pneumonia	...	...	3	2	1939	...	12.1
23	Other Respiratory Diseases	...		—	1	1938	...	11.6
24	Ulcer of Stomach or Duodenum	...		2	—	1937	...	12.4
25	Diarrhoea (under 2 years)	...		1	—	1936	...	12.1
26	Appendicitis	...	...	—	—			
27	Other Digestive Diseases	...	...	1	3			
28	Nephritis	...	...	1	2			
29	Puerperal and post-abortiona			—	1			
30	l sepsis							
31	Other Maternal causes	...	...	—	—			
32	Premature birth	...	...	2	3			
33	Congenital malformation, birth in-							
	juries, infantile diseases	...	...	1	2			
34	Suicide	...	...	1	—			
35	Road Traffic Accidents	...	...	2	—			
36	Other violent causes	...	...	3	3			
37	All other causes	...	...	6	6			

# CHORLEYWOOD

## URBAN DISTRICT

Area (land and inland water). 2,055 acres.

### Vital Statistics.

Population (Registrar-General's estimates at mid-year) :

1944	1943	1942	1941	1940	1939	1938
4,101	4,290	4,477	5,128	4,715	3,775	3,734

Birth-Rate (live births per 1,000 of population) :

1944	1943	1942	1941	1940	1939	1938
17.1	15.1	11.2	9.0	9.5	9.0	9.1

Infantile Mortality Rate (deaths under 1 year per 1,000 live births) :

1944	1943	1942	1941	1940	1939	1938
14	76	40	64	22	29	nil

Death-Rate :

Vide Summary " Causes of Death."

### Tuberculosis.

The following notifications and deaths were recorded during the year :—

			Pulmonary.		Non-Pulmonary.	
			Male.	Female.	Male.	Female.
New cases	...	...	1	—	—	—
Deaths	...	...	1	—	—	—

### Housing Statistics.

Number of dwelling-houses inspected for housing defects under Public Health or Housing Acts ... .. 26

Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... .. 0

Number of dwelling-houses (exclusive of those referred to under the preceding section) found not to be in all respects reasonably fit for human habitation ... .. 8

Number of defective dwelling-houses rendered fit in consequence of action by the Local Authority ... .. 6

Number of structurally separate dwellings erected during the year :

(1) By the Local Authority	...	...	...	0
(2) By other bodies or persons	...	...	...	0

### Summary of Housing Defects.

The number of defects found on inspection during the year is followed by the number remedied.

Site.	Cases Found		Cases Remedied			Cases Found		Cases Remedied	
1. Obstruction to light and air	...	...	—	—	4. Approach to back of house unsatisfactory	—	—		
2. Drainage of ground unsatisfactory	...	—	—		5. Storage of refuse unsatisfactory	...	12	11	
3. Outbuildings inadequate or in bad repair	...	...	—	—	6. Animals improperly kept	...	...	1	1
					7. Vermin	...	...	—	—
					(See also 10.)				



Cases Found Remedied				Cases Found Remedied			
<b>Prevention of Dampness.</b>				<b>Water Supply.</b>			
8. Roof, chimney, defective ... ..	9	8		24. Well not satisfactory	2	1	
9. Gutter, downpipes, defective ... ..	4	4		25. Water delivered in vessels ... ..	—	—	
10. Storm water drains defective ... ..	—	—		26. Main supply disconnected ... ..	—	—	
11. Walls, windows, defective ... ..	2	1		27. Main supply provided to replace 24 or 25 ... ..	—	1	
12. Damp-proof course defective ... ..	—	—		<b>Washing Arrangements.</b>			
13. Sub-floor ventilation defective ... ..	—	—		28. No bath ... ..	—	—	
14. Solid floor defective ... ..	—	—		29. Arrangements for heating water unsatisfactory ... ..	1	1	
15. Soil against walls above d.p.c. ... ..	—	—		<b>Closet Accommodation.</b>			
(See also 2).				30. Earth closet defective ... ..	—	—	
<b>Lighting, Ventilation.</b>				31. Earth closet replaced by water closet ... ..	—	—	
16. Window area or opening below standard ... ..	—	—		32. Water closet, soil drains, defective ... ..	5	5	
17. Ventilation otherwise defective ... ..	—	—		33. Approach to outside closet not protected ... ..	—	—	
18. Artificial lighting bad ... ..	—	—		34. Lighting, ventilation, inadequate ... ..	—	—	
(See also 1.)				<b>Repair, Decoration, Cleanliness.</b>			
<b>Space Heating.</b>				35. Wall, door, ceiling, defective ... ..	4	4	
19. Firegrate defective ... ..	—	—		36. Floor, staircase, defective ... ..	6	5	
20. Rooms inadequately heated ... ..	—	—		37. Decoration in bad state ... ..	—	—	
<b>Food, Cooking.</b>				38. Lack of cleanliness ... ..	1	—	
21. Storage of food unsatisfactory ... ..	—	—		39. Infestation with bugs, etc. ... ..	—	—	
22. Cooking arrangements unsatisfactory	3	3					
23. Sink and drainage unsatisfactory ... ..	—	—					

<b>Administration of the Factories Act, 1937.</b>									
Inspections ... ..	...	...	...	...	...	...	...	...	9
Defects ... ..	...	...	...	...	...	...	...	...	0
Notices ... ..	...	...	...	...	...	...	...	...	0

<b>Water Supply.</b>									
The water supply of the District is adequate and chlorinated.									
<b>Milk Supply.</b>									
Inspections ... ..	...	...	...	...	...	...	...	...	12
Notices ... ..	...	...	...	...	...	...	...	...	2

<b>Disinfection (1), Disinfestation (2).</b>									
Number of cases	(1) 6,	(2) 0	...	...	...	...	...	Total	6

<b>Public Cleansing.</b>									
Contract Scheme. Vehicles Employed—One motor vehicle with sliding metal covers. Disposal by Controlled Tipping.									

NOTIFIABLE INFECTIOUS DISEASES

INCIDENCE according to SEX and AGE

AGE GROUPS	Scarlet Fever		Diphtheria		Whooping Cough		Measles (Exc. Rubella)		Ac. poliomyelitis		Ac. polio-encephalitis	
	M	F	M	F	M	F	M	F	M	F	M	F
0— ...												
1— ...						3						
3— ...		1			1	4		3				
5— ...	2	2			4	3		1				
10— ...					4	2		2				
15— ...						1						
25 and over						1	2					
TOTAL ...	2	3	—	—	9	14	2	6	—	—	—	—

AGE GROUPS	Enteric or Typhoid Fever		Paratyphoid Fevers		Dysentery		Ac. Pneumonia		Cerebro-Spinal Fever		Ac. encephalitis lethargica	
	M	F	M	F	M	F	M	F	M	F	M	F
0— ...												
5— ...												
15— ...												
45— ...												
65 and over												
TOTAL ...	—	—	—	—	—	—	—	—	—	—	—	—

AGE GROUPS	Puerperal Pyrexia		Ophthalmia Neonatorum		Erysipelas		Smallpox		Typhus Fever		Malaria	
		F	M	F	M	F	M	F	M	F	M	F
0— ...												
5— ...												
15— ...		1										
45— ...												
65 and over												
TOTAL ...	—	1	—	—	—	—	—	—	—	—	—	—

Remainder of Notifiable Diseases—Notifications : Cholera, 0 ;  
Plague, 0 ; Relapsing Fever, 0 ; Tuberculosis, q.v.

THE CAUSES OF DEATH

1944

						DEATH-RATE		
						(Deaths per 1,000 of population)		
						Males	Females	
All Causes ... ..						23	23	1944 ... .. 11.2
1	Typhoid and Paratyphoid Fevers...				—	—		1943 ... .. 13.0
2	Cerebro-spinal Fever ... ..				—	—		1942 ... .. 10.7
3	Scarlet Fever... ..				—	—		1941 ... .. 10.3
4	Whooping Cough ... ..				—	—		1940 ... .. 9.7
5	Diphtheria ... ..				—	—		1939 ... .. 9.6
6	Tuberculosis of Respiratory System				1	—		1938 ... .. 9.9
7	Other forms of Tuberculosis ...				—	—		1937 ... .. 10.5
8	Syphilitic Diseases ... ..				—	—		1936 ... .. 9.7
9	Influenza ... ..				—	—		1935 ... .. 7.7
10	Measles ... ..				—	—		1934 ... .. 10.3
11	Ac. Poliomyelitis and Polioen- cephalitis ... ..				—	—		1933 ... .. 6.7
12	Ac. Infective Encephalitis ...				—	—		1932 ... .. 10.9
13	Cancer of buccal cavity and Oeso- phagus (M) ; Uterus (F) ... ..				—	1		1931 ... .. 8.4
14	Cancer of Stomach and Duodenum				1	1		1930 ... .. 6.9
15	Cancer of Breast ... ..				—	1		
16	Cancer of all other sites ... ..				8	5		England and Wales
17	Diabetes ... ..				—	—		1944 ... .. 11.6
18	Intra-Cranial Vascular lesions ...				2	6		1943 ... .. 12.1
19	Heart Disease ... ..				7	5		1942 ... .. 11.6
20	Other Diseases of Circulatory System				—	—		1941 ... .. 12.9
21	Bronchitis ... ..				2	1		1940 ... .. 14.6
22	Pneumonia ... ..				—	—		1939 ... .. 12.1
23	Other Respiratory Diseases ...				—	—		1938 ... .. 11.6
24	Ulcer of Stomach or Duodenum ...				—	—		1937 ... .. 12.4
25	Diarrhoea (under 2 years) ...				—	—		1936 ... .. 12.1
26	Appendicitis ... ..				—	—		
27	Other Digestive Diseases ... ..				—	—		
28	Nephritis ... ..				—	—		
29	Puerperal and post-abortionnal sepsis				—	—		
30	Other Maternal causes ... ..				—	—		
31	Premature birth ... ..				—	—		
32	Congenital malformation, birth in- juries, infantile diseases ... ..				1	—		
33	Suicide ... ..				—	—		
34	Road Traffic Accidents ... ..				—	—		
35	Other violent causes ... ..				—	—		
36	All other causes ... ..				1	3		



# RICKMANSWORTH

## URBAN DISTRICT.

Area (of land and inland water). 7,639 acres.

### Vital Statistics.

Population (Registrar-General's estimates at mid-year) :

1944	1943	1942	1941	1940	1939	1938
22,440	22,630	23,660	25,430	23,460	19,930	18,700

Birth-Rate (live births per 1,000 of population) :

1944	1943	1942	1941	1940	1939	1938
17.8	17.8	17.3	12.8	15.3	18.8	20.1

Infantile Mortality Rate (deaths under 1 year per 1,000 live births) :

1944	1943	1942	1941	1940	1939	1938
30	37	29	69	39	32	21

Death-Rate :

Vide Summary " Causes of Death."

### Tuberculosis.

The following notifications and deaths were recorded during the year :—

			Pulmonary.		Non-Pulmonary.	
			Male.	Female.	Male.	Female.
New cases	...	...	7	8	1	2
Deaths	...	...	5	4	1	2

### Housing Statistics.

Number of dwelling-houses inspected for housing defects under Public Health or Housing Acts ... 78

Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... 0

Number of dwelling-houses (exclusive of those referred to under the preceding section) found not to be in all respects reasonably fit for human habitation ... 62

Number of defective dwelling-houses rendered fit in consequence of action by the Local Authority ... 49

Number of structurally separate dwellings erected during the year :

(1)	By the Local Authority	...	...	0
(2)	By other bodies or persons	...	...	0

### Summary of Housing Defects.

The number of defects found on inspection during the year is followed by the number remedied.

Site.	Cases		Cases	
	Found	Remedied	Found	Remedied
1. Obstruction to light and air	...	...	—	—
2. Drainage of ground unsatisfactory	...	—	—	—
3. Outbuildings inadequate or in bad repair	...	...	2	2
4. Approach to back of house unsatisfactory	—	—	—	—
5. Storage of refuse unsatisfactory	...	19	15	
6. Animals improperly kept	...	...	2	2
7. Vermin	....	...	2	2
(See also 10.)				

	Cases	
	Found	Remedied
<b>Prevention of Dampness.</b>		
8. Roof, chimney, defective ... ..	12	10
9. Gutter, downpipes defective ... ..	2	1
10. Storm water drains defective ... ..	—	—
11. Walls, windows, defective ... ..	2	2
12. Damp-proof course defective ... ..	2	1
13. Sub-floor ventilation defective ... ..	3	2
14. Solid floor defective	1	1
15. Soil against walls above d.p.c. ... ..	—	—
(See also 2.)		

<b>Lighting, Ventilation.</b>		
16. Window area or opening below standard ... ..	—	—
17. Ventilation otherwise defective ... ..	—	—
18. Artificial lighting bad ... ..	—	—
(See also 1.)		

<b>Space Heating.</b>		
19. Firegrate defective	4	3
20. Rooms inadequately heated ... ..	—	—

<b>Food, Cooking.</b>		
21. Storage of food unsatisfactory ... ..	2	1
22. Cooking arrangements unsatisfactory	5	3
23. Sink and drainage unsatisfactory ... ..	2	2

<b>Administration of the Factories Act, 1937.</b>									
Inspections ... ..	...	...	...	...	...	...	...	...	23
Defects ... ..	...	...	...	...	...	...	...	...	7
Notices ... ..	...	...	...	...	...	...	...	...	7

**Water Supply.**  
The water supply of the District is adequate and chlorinated.

<b>Milk Supply.</b>									
Inspections ... ..	...	...	...	...	...	...	...	...	58
Notices ... ..	...	...	...	...	...	...	...	...	6

<b>Disinfection (1), Disinfestation (2).</b>									
Number of cases	(1)	53,	(2)	8	...	...	...	Total	61

**Public Cleansing.**  
Direct labour scheme. Vehicles employed—Two 10 and one 6 c. yds. vehicles with sliding metal covers, and one 15 c. yds. vehicle, rear loading. Disposal by Controlled Tipping. Efficient salvage scheme in operation since April, 1938.

<b>Canal Boats, Inspection of</b>									
Number of boats inspected ...	16	Contraventions ...	1						

	Cases	
	Found	Remedied
<b>Water Supply.</b>		
24. Well not satisfactory	—	—
25. Water delivered in vessels ... ..	—	—
26. Main supply disconnected ... ..	3	3
27. Main supply provided to replace 24 or 25 ... ..	—	—
<b>Washing Arrangements.</b>		
28. No bath ... ..	—	—
29. Arrangements for heating water unsatisfactory ... ..	—	—

<b>Closet Accommodation.</b>		
30. Earth closet defective ... ..	—	—
31. Earth closet replaced by water closet ... ..	—	—
32. Water closet, soil drains, defective ... ..	8	6
33. Approach to outside closet not protected	—	—
34. Lighting, ventilation, inadequate ... ..	—	—

<b>Repair, Decoration, Cleanliness.</b>			
35. Wall, door, ceiling, defective ... ..	12	10	
36. Floor, staircase, defective ... ..	8	7	
37. Decoration in bad state ... ..	8	7	
38. Lack of cleanliness	3	2	
39. Infestation with bugs, etc. ... ..	6	6	

NOTIFIABLE INFECTIOUS DISEASES

INCIDENCE according to SEX and AGE

AGE GROUPS	Scarlet Fever		Diphtheria		Whooping Cough		Measles (Exc. Rubella)		Ac. poliomyelitis		Ac. polio-encephalitis	
	M	F	M	F	M	F	M	F	- M	F	M	F
0— ...					3	1						
1— ...	1	1				4						
3— ...		2			4	7	4	4				
5— ...	10	12			7	2	8	7				
10— ...	3	6					1					
15— ...	1	2						1				
25 and over								2				
TOTAL ...	15	23	—	—	14	14	13	14	—	—	—	—

AGE GROUPS	Enteric or Typhoid Fever		Paratyphoid Fevers		Dysentery		Ac. Pneumonia		Cerebro-Spinal Fever		Ac. encephalitis lethargica	
	M	F	M	F	M	F	M	F	M	F	M	F
0— ...												
5— ...												
15— ...												
45— ...												
65 and over												
TOTAL ...	—	—	—	—	—	—	—	—	—	—	—	—

AGE GROUPS	Puerperal Pyrexia		Ophthalmia Neonatorum		Erysipelas		Smallpox		Typhus Fever		Malaria	
		F	M	F	M	F	M	F	M	F	M	F
0— ...												
5— ...												
15— ...		1			1	2						
45— ...					1	1						
65 and over												
TOTAL ...	—	1	—	—	2	3	—	—	—	—	—	—

Remainder of Notifiable Diseases—Notifications : Cholera, 0 ;  
Plague, 0 ; Relapsing Fever, 0 ; Tuberculosis, q.v.



THE CAUSES OF DEATH

1944

				Males Females		DEATH-RATE		
All Causes ... ..				119	101	(Deaths per 1,000 of population)		
						1944	...	9.8
1	Typhoid and Paratyphoid Fevers ...			—	—	1943	...	10.1
2	Cerebro-spinal Fever ... ..			—	—	1942	...	8.7
3	Scarlet Fever... ..			—	—	1941	...	8.5
4	Whooping Cough ... ..			—	—	1940	...	8.3
5	Diphtheria ... ..			—	—	1939	...	8.5
6	Tuberculosis of Respiratory System			5	4	1938	...	7.9
7	Other forms of Tuberculosis ...			1	2	1937	...	6.7
8	Syphilitic Diseases ... ..			—	—	1936	...	8.6
9	Influenza ... ..			—	—	1935	...	10.0
10	Measles ... ..			—	—	1934	...	9.2
11	Ac. Poliomyelitis and Polioen- cephalitis ... ..			—	—	1933	...	11.1
12	Ac. Infective Encephalitis ...			—	—	1932	...	10.4
13	Cancer of buccal cavity and Oeso- phagus (M) ; Uterus (F) ... ..			1	1	1931	...	10.1
14	Cancer of Stomach and Duodenum			2	9	1930	...	9.3
15	Cancer of Breast ... ..			—	5	England and Wales		
16	Cancer of all other sites ... ..			12	6	1944	...	11.6
17	Diabetes ... ..			—	—	1943	...	12.1
18	Intra-Cranial Vascular lesions ...			7	13	1942	...	11.6
19	Heart Disease ... ..			36	30	1941	...	12.9
20	Other Diseases of Circulatory System			4	6	1940	...	14.6
21	Bronchitis ... ..			3	4	1939	...	12.1
22	Pneumonia ... ..			5	1	1938	...	11.6
23	Other Respiratory Diseases ...			2	1	1937	...	12.4
24	Ulcer of Stomach or Duodenum ...			3	—	1936	...	12.1
25	Diarrhœa (under 2 years) ...			—	—			
26	Appendicitis ... ..			—	1			
27	Other Digestive Diseases ... ..			3	2			
28	Nephritis ... ..			3	2			
29	Pueperal and post-abortionnal sepsis			—	—			
30	Other Maternal causes ... ..			—	—			
31	Premature birth ... ..			4	2			
32	Congenital malformation, birth in- juries, infantile diseases ... ..			3	1			
33	Suicide ... ..			3	—			
34	Road Traffic Accidents ... ..			1	1			
35	Other violent causes ... ..			7	1			
36	All other causes ... ..			14	9			

# WATFORD

## RURAL DISTRICT.

**Area** (land and inland water). 18,179 acres.  
 (Abbots Langley C.P., 4,979 ; Aldenham C.P., 5,660 ; Sarratt C.P., 2,399 ; Watford Rural C.P., 5,141 acres.)

### Vital Statistics.

Population (Registrar-General's estimates at mid-year) :						
1944	1943	1942	1941	1940	1939	1938
20,650	23,280	24,660	26,140	24,290	20,280	19,240
Birth-Rate (live births per 1,000 of population) :						
1944	1943	1942	1941	1940	1939	1938
19.2	14.0	13.5	11.0	11.8	13.9	14.3
Infantile Mortality Rate (deaths under 1 year per 1,000 live births) :						
1944	1943	1942	1941	1940	1939	1938
18	15	24	38	50	56	29
Death-Rate :						
Vide Summary " Causes of Death."						

### Tuberculosis.

The following notifications and deaths were recorded during the year :—

				Pulmonary.		Non-Pulmonary.	
				Male.	Female.	Male.	Female.
New cases	...	...	...	9	5	1	—
Deaths	...	...	...	6	4	—	1

### Housing Statistics.

Number of dwelling-houses inspected for housing defects under Public Health or Housing Acts ... .. 102

Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... .. 0

Number of dwelling-houses (exclusive of those referred to under the preceding section) found not to be in all respects reasonably fit for human habitation ... .. 36

Number of defective dwelling-houses rendered fit in consequence of action by the Local Authority ... .. 30

Number of structurally separate dwellings erected during the year :

(1) By the Local Authority	...	...	0
(2) By other bodies or persons	...	...	0

### Summary of Housing Defects.

The number of defects found on inspection during the year is followed by the number remedied.

Site.	Cases		Cases	
	Found	Remedied	Found	Remedied
1. Obstruction to light and air	—	—	4. Approach to back of house unsatisfactory	—
2. Drainage of ground unsatisfactory	2	2	5. Storage of refuse unsatisfactory	20
3. Outbuildings inadequate or in bad repair	3	0	6. Animals improperly kept	3
			7. Vermin	6
			(See also 10.)	

	Cases	
	Found	Remedied
<b>Prevention of Dampness.</b>		
8. Roof, chimney, defective ... ..	11	7
9. Gutter, downpipes, defective ... ..	9	7
10. Storm water drains defective ... ..	—	—
11. Walls, windows, defective ... ..	8	6
12. Damp-proof course defective ... ..	—	—
13. Sub-floor ventilation defective ... ..	—	—
14. Solid floor defective ... ..	—	—
15. Soil against walls above d.p.c. ... ..	2	2
(See also 2.)		

<b>Lighting, Ventilation.</b>		
16. Window area or opening below standard ... ..	—	—
17. Ventilation otherwise defective ... ..	—	—
18. Artificial lighting bad ... ..	—	—
(See also 1.)		

<b>Space Heating.</b>		
19. Firegrate defective	2	2
20. Rooms inadequately heated ... ..	2	2

<b>Food, Cooking.</b>		
21. Storage of food unsatisfactory ... ..	—	—
22. Cooking arrangements unsatisfactory	2	1
23. Sink and drainage unsatisfactory ... ..	3	3

### Administration of the Factories Act, 1937.

Inspections ... ..	...	...	...	...	...	...	...	...	14
Defects ... ..	...	...	...	...	...	...	...	...	5
Notices ... ..	...	...	...	...	...	...	...	...	5

### Water Supply.

The water supply of the District is adequate and chlorinated.

### Milk Supply.

Inspections ... ..	...	...	...	...	...	...	...	...	49
Notices ... ..	...	...	...	...	...	...	...	...	7

### Disinfection (1), Disinfestation (2).

Number of cases	(1)	48.	(2)	6	...	...	...	Total	54
-----------------	-----	-----	-----	---	-----	-----	-----	-------	----

### Public Cleansing.

Direct labour scheme in operation in nine-tenths of the District. Vehicles employed—Modern refuse collection vehicles of the following capacities in cubic yards, 5, 7, 10 (2). Disposal by Controlled Tipping.

### Canal Boats, Inspection of

Number of boats inspected ...	11	Contraventions ...	0
-------------------------------	----	--------------------	---

	Cases	
	Found	Remedied
<b>Water Supply.</b>		
24. Well not satisfactory	1	—
25. Water delivered in vessels ... ..	1	—
26. Main supply disconnected ... ..	—	—
27. Main supply provided to replace 24 or 25 ... ..	—	—
<b>Washing Arrangements.</b>		
28. No bath ... ..	—	—
29. Arrangements for heating water unsatisfactory ... ..	3	3

### Closet Accommodation.

30. Earth closet defective ... ..	6	5
31. Earth closet replaced by water closet ... ..	—	—
32. Water closet, soil drains, defective ... ..	15	15
33. Approach to outside closet not protected	—	—
34. Lighting, ventilation, inadequate ... ..	2	2

### Repair, Decoration, Cleanliness.

35. Wall, door, ceiling, defective ... ..	8	8
36. Floor, staircase, defective ... ..	3	3
37. Decoration in bad state ... ..	1	0
38. Lack of cleanliness	3	3
39. Infestation with bugs, etc. ... ..	6	6



NOTIFIABLE INFECTIOUS DISEASES

INCIDENCE according to SEX and AGE

AGE GROUPS	Scarlet Fever		Diphtheria		Whooping Cough		Measles (Exc. Rubella)		Ac. poliomyelitis		Ac. polio-encephalitis	
	M	F	M	F	M	F	M	F	M	F	M	F
0— ...					1							
1— ...	1	1			2	2	1	2				
3— ...	6	3			4	3	2					
5— ...	12	5			3	3	5	5				
10— ...	2	2					6	3				
15— ...				2				2				
25 and over		3						2				
TOTAL ...	20	14	—	2	10	8	14	14	—	—	—	—

AGE GROUPS	Enteric or Typhoid Fever		Paratyphoid Fevers		Dysentery		Ac. Pueumonia		Cerebro-Spinal Fever		Ac. encephal-itis lethargica	
	M	F	M	F	M	F	M	F	M	F	M	F
0— ...							1					
5— ...						2		1				
15— ...					1	8	3	4				
45— ...						7	3	2				
65 and over						6		2				
TOTAL ...	—	—	—	—	1	23	7	9	—	—	—	—

AGE GROUPS	Puerperal Pyrexia		Ophthalmia Neonatorum		Erysipelas		Smallpox		Typhus Fever		Malaria	
		F	M	F	M	F	M	F	M	F	M	F
0— ...				1								
5— ...												
15— ...												
45— ...						1						
65 and over												
TOTAL ...	—	—	—	1	—	1	—	—	—	—	—	—

Remainder of Notifiable Diseases—Notifications : Cholera, 0 ;  
Plague, 0 ; Relapsing Fever, 0 ; Tuberculosis, q.v.

THE CAUSES OF DEATH

1944

					DEATH-RATE					
					Males	Females	(Deaths per 1,000 of population)			
All Causes ... ..					101	92				
							1944	...	...	9.3
1	Typhoid and Paratyphoid Fevers ...				—	—	1943	...	...	9.1
2	Cerebro-spinal Fever ... ..				—	—	1942	...	...	9.6
3	Scarlet Fever... ..				—	—	1941	...	...	10.0
4	Whooping Cough ... ..				—	—	1940	...	...	10.1
5	Diphtheria ... ..				—	—	1939	...	...	8.8
6	Tuberculosis of Respiratory System				6	4	1938	...	...	7.9
7	Other forms of Tuberculosis ...				—	1	1937	...	...	10.6
8	Syphilitic Diseases ... ..				1	1	1936	...	...	8.3
9	Influenza ... ..				2	—	1935	...	...	8.7
1e	Measles ... ..				—	—	1934	...	...	8.6
11	Ac. Poliomyelitis and Polioen- cephalitis ... ..				—	—	1933	...	...	10.3
12	Ac. Infective Encephalitis ...				—	—	1932	...	...	9.6
13	Cancer of buccal cavity and Oeso- phagus (M) ; Uterus (F)... ..				—	2	1931	...	...	8.4
14	Cancer of Stomach and Duodenum				—	1	1930	...	...	7.6
15	Cancer of Breast ... ..				—	3	<hr/>			
16	Cancer of oll other sites ... ..				7	8	England and Wales			
17	Diabetes ... ..				—	—	1944	...	...	11.6
18	Intra-Cranial Vascular lesions ...				10	13	1943	...	...	12.1
19	Heart Disease ... ..				37	22	1942	...	...	11.6
20	Other Diseases of Circulatory System				5	1	1941	...	...	12.9
21	Bronchitis ... ..				4	5	1940	...	...	14.6
22	Pneumonia ... ..				8	6	1939	...	...	12.1
23	Other Respiratory Diseases ...				1	1	1938	...	...	11.6
24	Ulcer of Stomach or Duodenum ...				2	—	1937	...	...	12.4
25	Diarrhoea (under 2 years) ...				1	—	1936	...	...	12.1
26	Appendicitis ... ..				—	—	<hr/>			
27	Other Digestive Diseases ... ..				2	2				
28	Nephritis ... ..				3	4				
29	Puerperal and post-abortionl sepsis				—	—				
30	Other Maternal causes ... ..				—	—				
31	Premature birth ... ..				1	1				
32	Congenital malformation, birth in- juries, infantile diseases ... ..				—	2				
33	Suicide ... ..				—	1				
34	Road Traffic Accidents ... ..				2	2				
35	Other violent causes ... ..				1	3				
36	All other causes ... ..				8	9				

